To: MICHAEL J. MALLIE BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP	PCT	
12400 WILSHIRE BLVD., 7TH FLOOR LOS ANGELES, CA 90025	NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT AND THE WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY, OR THE DECLARATION	
	(PCT Rule 44.1)	
•	·	
	Date of mailing (day/month/year) 0 6 MAK 2007	
Applicant's or agent's file reference 16820.P308PCT	FOR FURTHER ACTION See paragraphs 1 and 4 below	
International application No. PCT/US05/28898	International filing date (day/month/year) 12 August 2005 (12.08.2005)	
Applicant CYPRESS SEMICONDUCTOR CORPORATION	(121001200)	
1. The applicant is hereby notified that the international search have been established and are transmitted herewith.	ch report and the written opinion of the International Searching Authority	
Filing of amendments and statement under Article 19: The applicant is entitled, if he so wishes, to amend the clai	ms of the international application (see Rule 46):	
	normally two months from the date of transmittal of the international	
Where? Directly to the International Bureau of WIPO, 1211 Geneva 20, Switzerland, Facsimile No.:		
For more detailed instructions, see the notes on the ac-		
The applicant is hereby notified that no international search		
	International Searching Authority are transmitted herewith.	
3. With regard to the protest against payment of (an) addition		
the protest together with the decision thereon has been request to forward the texts of both the protest and the	transmitted to the International Bureau together with the applicant's decision thereon to the designated Offices.	
no decision has been made yet on the protest; the appli	icant will be notified as soon as a decision is made.	
4. Reminders		
Bureau. If the applicant wishes to avoid or postpone publication,	the international application will be published by the International, a notice of withdrawal of the international application, or of the Rules 90bis.1 and 90bis.3, respectively, before the completion of the	
The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established. These comments would also be made available to the public but not before the expiration of 30 months from the priority date.		
Within 19 months from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later); otherwise, the applicant must, within 20 months from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices.		
In respect of other designated Offices, the time limit of 30 months (
See the Annex to Form PCT/IB/301 and, for details about the applied Volume II, National Chapters and the WIPO Internet site.	}	
Authorized officer Mail Stop PCT, Attn: ISA/US Commissioner for Patents Anil Khatri		
Commissioner for Patents	Anil Khatri	

P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201 Form PCT/ISA/220 (January 2004)

(See notes on accompanying sheet)

Telephone No. 571-272-2100

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 16820.P308PCT		Form PCT/ISA/220 re applicable, item 5 below.	
International application No. PCT/US05/28898	International filing date (day/month/year) 12 August 2005 (12.08.2005)	(Earliest) Priority Date (day/month/year) 13 August 2004 (13.08.2004)	
Applicant			
CYPRESS SEMICONDUCTOR CORPOR	EATION		
according to Article 18. A copy is being This international search report consists of	1		
Basis of the Report With regard to the language, the	international search was carried out on the basis	s of:	
the international application in the language in which it was filed.			
a translation of the international application into, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))			
b. With regard to any nucleotic	le and/or amino acid sequence disclosed in the	e international application, see Box No. I.	
2. Certain claims were found	unsearchable (See Box No. II)		
 Unity of invention is lacking With regard to the title, 	g (Sœ Box No. III)		
the text is approved as submi	tted by the applicant.		
— "	by this Authority to read as follows:		
_			
	NO DOCKETING REQU	13457745	
	N.A.		
5. With regard to the abstract,			
the text is approved as submit	ted by the applicant.		
	according to Rule 38.2(b), by this Authority as he date of mailing of this international search re		
6. With regard to the drawings,	·		
٠ ٠	blished with the abstract is Figure No. 1		
as suggested by the ap	opticant. thority, because the applicant failed to suggest	a figure	
· · ·	thority, because this figure better characterizes		
b. none of the figures is to be published with the abstract.			

Form PCT/ISA/210 (first sheet) (April 2005)

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/28898

PC: GG6F 944(2006.01) USPC: 717/106,717/140 According to International Patent Classification (IPC) or to both national classification and IPC ** B. FELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S.: 717/106,717/140 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EAST C. DOCUMENTS CONSIDERED TO BE RELEVANT Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. 1 Sec patent family annex. ** ** ** ** ** ** ** ** **	A. CLAS	SIFICATION OF SUBJECT MATTER				
USPC: 717/106,717/140 According to International Patent Classification (PC) or to both national classification and IPC ** B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S.: 717/106,717/140 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X US 6,996,799 (Cismas et al) Feb 7, 2006 column 2, lines 14-54 ** ** ** ** ** ** ** ** **		G06F 9/44(2006.01)				
USPC: 717/106,717/140 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S.: 717/106,717/140 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EAST C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. 1-20 Y. Special categories of clied documents. A document defining the general state of the art which is not considered to be of particular relevance or particular relevance		G06F 9/45(2006.01)				
According to International Patent Classification (PC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S.: 717/106,717/140 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. T. Special categories of cited documents. **A document affining the general state of the art which is not considered to be of particular relevance. **To document affining the general state of the art which is not considered to be of particular relevance. **To document affining the general state of the art which is not considered to a relevance on patents published or or other special cases (as a specified) **To document which may throw dooths on priority detain() or which is cited to enable and the proper of the state publication acts of substance and the priority date advanced on the construction or other special relevance (as claimed investion cannot be considered to involve an inventive any when the document is taken alone **Comment referring to an and disclosure, us, cabbition or other means document special particular relevance, the claimed investion cannot be considered to six when the relevance and the priority date advanced or an account of particular relevance, the claimed investion cannot be considered to involve an inventive any when the document is taken alone **Comment of particular relevance, the claimed investion cannot be considered to involve an inventive any when the document is taken alone **Comment of particular relevance, the cla						
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S.: 717/106,717/140 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EAST C. DOCUMENTS CONSIDERED TO BE RELEVANT Category * Citation of document, with indication, where appropriate, of the relevant passages X US 6,996,799 (Cismas et al) Feb 7, 2006 column 2, lines 14-54 Lead of the continuation of Box C. * Special eagories of cited documents. X US 6,996,799 (Cismas et al) Feb 7, 2006 column 2, lines 14-54 Late document published of the streams of the stream	USPC:	717/106,717/140	ional classi	fication and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S.: 717/106,717/140 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EAST C. DOCUMENTS CONSIDERED TO BE RELEVANT Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X US 6,996,799 (Cismas et al) Feb 7, 2006 column 2, lines 14-54 1.20 **Special teatogories of clied documents: **A** document defining the general state of the at which is not considered to be of particular relevance. **Territorials relevance: **Comment defining the general state of the at which is not considered to be of particular relevance. **Territorials relevance: **Comment which may drow doubte on priority chain() or which is cited to establish the publication date of another claims or other special reason (st specifical) **To document specialised prior to the international filing date to the priority date claims or other special reason (st specifical) **To document published on or after the international filing date to the priority date claims or other special reason (st specifical) **To document specialised prior to the international filing date but later than the priority date claims or one of the read document is the about the occument or produced to involve an inventive step when the document is provided and or or or other each document, and combination being obvious to a person Alithol on the termanic hepotic priority date claims of the competition of the international search To document application or priority claim() or which is cited to establish the publication or or other each document to the produced on the or or or other each document, such combination being obvious to a person Alithol on the termanic published or or other each document, such	According to	International Patent Classification (IPC) or to both hat	iviiai Ciassi	HAMMAN MIN TO A		
Minimum documentation searched (classification system followed by classification symbols) U.S.: 717/106,717/140 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EAST C. DOCUMENTS CONSIDERED TO BE RELEVANT Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. 1-20 See patent family annex. I later document passages Relevant to claim No. 1-20 See patent family annex is a later document to the search of the continuation of Box C. * Special categories of cited documents: A* document defining the general state of the at which is not considered to be of particular relevance. * * * * * * * * * * * * *		• •				
Minimum documentation searched (classification system followed by classification symbols) U.S.: 717/106,717/140 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EAST C. DOCUMENTS CONSIDERED TO BE RELEVANT Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. 1-20 See patent family annex. I later document passages Relevant to claim No. 1-20 See patent family annex is a later document to the search of the continuation of Box C. * Special categories of cited documents: A* document defining the general state of the at which is not considered to be of particular relevance. * * * * * * * * * * * * *		AT A DOLLED				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EAST C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X US 6,996,799 (Cismas et al) Feb 7, 2006 column 2, lines 14-54 **Special categories of cited documents: **A** Socument defining the general state of the art which is not considered to be of particular relevance. **E* earlier application or patent published on or after the international filing date enablished prior to the internation or other special reason (as profitely and the published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search Of August 2006 (07.08.2006) Name and mailing address of the ISA/US Mail Sop PCT. Atm. ISA/US Commissioner for Patents P. O Row 1450 **Authorized Officer Talestopen No. 571-272-2100 **Talestopen No. 571-272-2100 **Talestopen No. 571-272-2100			le'6	tion graphole)		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EAST C. DOCUMENTS CONSIDERED TO BE RELEVANT Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. I US 6,996,799 (Cismas et al) Feb 7, 2006 column 2, lines 14-54 * Special categories of cited documents: "A" document defining the general state of the strivib in not considered to be or puriously relevance. "E" extire application or patent published on or after the international filing data: "L" document which may threw doubts on priority datine() or which is cited to enablish the publication date of another citation or other special reason (as excited) "O" document referring to an oral disclosure, use, exhibition or other means "P" documents published prior to the international filing date but later than the priority date claimed invention cannot be considered to involve an inventive step when the document is combined which one or more other special reason (as expectified) "O" document referring to an oral disclosure, use, exhibition or other means "P" documents published prior to the international filing date but later than the priority date claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other special reason (as expectified) "A" document referring to an oral disclosure, use, exhibition or other means "A" document referring to an oral disclosure, use, exhibition or other means "A" document referring to an oral disclosure, use, exhibition or other means "A" document referring to an oral disclosure, use, exhibition or other means "A" document referring to an oral disclosure, use, exhibition or other means "A" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the	Minimum doc	cumentation searched (classification system followed b	y classifica	tion symbols)		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) C DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X US 6,996,799 (Cismas et al) Feb 7, 2006 column 2, lines 14-54 I - 20 See patent family annex. T ister document defining the general state of the art which is not considered to be of particular relevance and an in conflict with the application but cited to understand the principle or theory underlying the and on its conflict with the application but cited to enable the depolar post of the struke or other postal reasons (4s specified) "C document referring to an oral disclosure, use, exhibition or other means and considered in the published proposition of the international filing date but later than the priority date chained invention cannot be considered in over other such document, such combination being obvious to a priority disclosure, use, exhibition or other means and mailing address of the ISA/US and maining address of the ISA/US Commissioner for Patents P.O Box 1450 Name and mailing address of the ISA/US Commissioner for Patents P.D Bax 1450 Talestone No. 571-272-2100	U.S. : 71	7/106,717/140				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) C DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X US 6,996,799 (Cismas et al) Feb 7, 2006 column 2, lines 14-54 I - 20 See patent family annex. T ister document defining the general state of the art which is not considered to be of particular relevance and an in conflict with the application but cited to understand the principle or theory underlying the and on its conflict with the application but cited to enable the depolar post of the struke or other postal reasons (4s specified) "C document referring to an oral disclosure, use, exhibition or other means and considered in the published proposition of the international filing date but later than the priority date chained invention cannot be considered in over other such document, such combination being obvious to a priority disclosure, use, exhibition or other means and mailing address of the ISA/US and maining address of the ISA/US Commissioner for Patents P.O Box 1450 Name and mailing address of the ISA/US Commissioner for Patents P.D Bax 1450 Talestone No. 571-272-2100						
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) C DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X US 6,996,799 (Cismas et al) Feb 7, 2006 column 2, lines 14-54 I - 20 See patent family annex. T ister document defining the general state of the art which is not considered to be of particular relevance and an in conflict with the application but cited to understand the principle or theory underlying the and on its conflict with the application but cited to enable the depolar post of the struke or other postal reasons (4s specified) "C document referring to an oral disclosure, use, exhibition or other means and considered in the published proposition of the international filing date but later than the priority date chained invention cannot be considered in over other such document, such combination being obvious to a priority disclosure, use, exhibition or other means and mailing address of the ISA/US and maining address of the ISA/US Commissioner for Patents P.O Box 1450 Name and mailing address of the ISA/US Commissioner for Patents P.D Bax 1450 Talestone No. 571-272-2100	Documentatio	Description searched other than minimum documentation to the extent that such documents are included in the fields searched				
C. DOCUMENTS CONSIDERED TO BE RELEVANT Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X US 6,996,799 (Cismas et al) Feb 7, 2006 column 2, lines 14-54 1-20 Further documents are listed in the continuation of Box C. * Special categories of cited documents: *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier application or patent published on or after the international filing date or priority date and not a conflict with the application but cited to understand the priority date application date of another claim or other special reason (as specified) *C* document published of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken alone *C* document published prior to the international filing date but later than the priority date claimed *C* document published prior to the international search *C* document published prior to the international filing date but later than the priority date claimed *Date of the actual completion of the international search *To August 2006 (07.08.2006) *Name and mailing address of the ISA/US Mail Stop PCT, Attr. ISA/US Commissioner for Patents P.O. Box 1450 *To August 2006 (07.08.2006) *To Augus	Locumentatio	750 0000 00100 00100				
C. DOCUMENTS CONSIDERED TO BE RELEVANT Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X US 6,996,799 (Cismas et al) Feb 7, 2006 column 2, lines 14-54 1-20 Further documents are listed in the continuation of Box C. * Special categories of cited documents: *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier application or patent published on or after the international filing date or priority date and not a conflict with the application but cited to understand the priority date application date of another claim or other special reason (as specified) *C* document published of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken alone *C* document published prior to the international filing date but later than the priority date claimed *C* document published prior to the international search *C* document published prior to the international filing date but later than the priority date claimed *Date of the actual completion of the international search *To August 2006 (07.08.2006) *Name and mailing address of the ISA/US Mail Stop PCT, Attr. ISA/US Commissioner for Patents P.O. Box 1450 *To August 2006 (07.08.2006) *To Augus						
C. DOCUMENTS CONSIDERED TO BE RELEVANT Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X US 6,996,799 (Cismas et al) Feb 7, 2006 column 2, lines 14-54 1-20 Further documents are listed in the continuation of Box C. * Special categories of cited documents: *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier application or patent published on or after the international filing date or priority date and not a conflict with the application but cited to understand the priority date application date of another claim or other special reason (as specified) *C* document published of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken alone *C* document published prior to the international filing date but later than the priority date claimed *C* document published prior to the international search *C* document published prior to the international filing date but later than the priority date claimed *Date of the actual completion of the international search *To August 2006 (07.08.2006) *Name and mailing address of the ISA/US Mail Stop PCT, Attr. ISA/US Commissioner for Patents P.O. Box 1450 *To August 2006 (07.08.2006) *To Augus				4	terms used)	
C. DOCUMENTS CONSIDERED TO BE RELEVANT Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X US 6,996,799 (Cismas et al) Feb 7, 2006 column 2, lines 14-54 1-20 Further documents are listed in the continuation of Box C. * Special categories of cited document: *A* document defining the general state of the art which is not considered to be of particular relevance particular relevance *E* carfier application or patent published on or after the international filing date or priority date and not priority date claimed invention cannot be considered to involve an inventive step when the document is taken alone document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document in combined with one or more true document in combined with one or more true document in the continuation being obvious to a person skilled in the art "&" document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 77 August 2006 (07.08.2006) Name and mailing address of the ISA/US Mail Stop PCT, Attr. ISA/US Commissioner for Patents P.O. Box 1450 Talentown No. 571,272,2100	Electronic dat	ta base consulted during the international search (name	of data bas	se and, where practicable, search	i temis uses)	
Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X US 6,996,799 (Cismas et al) Feb 7, 2006 column 2, lines 14-54 Further documents are listed in the continuation of Box C. * Special categories of cited documents: A document defining the general state of the art which is not considered to be of particular relevance: E cartier application or patent published on or after the international filling date or priority claim (a) or which is cited to establish the publication date of another claim or other means the priority date claimed Comment referring to an oral disclosure, use, exhibition or other means the priority date claimed invention cannot be considered to move or cannot be not observed to several the comment of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is unknown to the considered to involve an inventive step when the document is priority date claimed invention cannot be considered to move or more other such document, such combination being obvious to a person skilled in the art document and mailing address of the ISA/US Mail Stop PCT, Atm. ISA/US Commissioner for Patents P.O. Box 1450 Talentoners P.O. Box 1450 Talentoners P.O. Box 1450						
Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X US 6,996,799 (Cismas et al) Feb 7, 2006 column 2, lines 14-54 Further documents are listed in the continuation of Box C. * Special categories of cited documents: A document defining the general state of the art which is not considered to be of particular relevance: E cartier application or patent published on or after the international filling date or priority claim (a) or which is cited to establish the publication date of another claim or other means the priority date claimed Comment referring to an oral disclosure, use, exhibition or other means the priority date claimed invention cannot be considered to move or cannot be not observed to several the comment of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is unknown to the considered to involve an inventive step when the document is priority date claimed invention cannot be considered to move or more other such document, such combination being obvious to a person skilled in the art document and mailing address of the ISA/US Mail Stop PCT, Atm. ISA/US Commissioner for Patents P.O. Box 1450 Talentoners P.O. Box 1450 Talentoners P.O. Box 1450		<u>. </u>				
Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X US 6,996,799 (Cismas et al) Feb 7, 2006 column 2, lines 14-54 Further documents are listed in the continuation of Box C. * Special categories of cited documents: A document defining the general state of the art which is not considered to be of particular relevance: E cartier application or patent published on or after the international filling date or priority claim (a) or which is cited to establish the publication date of another claim or other means the priority date claimed Comment referring to an oral disclosure, use, exhibition or other means the priority date claimed invention cannot be considered to move or cannot be not observed to several the comment of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is unknown to the considered to involve an inventive step when the document is priority date claimed invention cannot be considered to move or more other such document, such combination being obvious to a person skilled in the art document and mailing address of the ISA/US Mail Stop PCT, Atm. ISA/US Commissioner for Patents P.O. Box 1450 Talentoners P.O. Box 1450 Talentoners P.O. Box 1450	C. DOCL					
US 6,996,799 (Cismas et al) Feb 7, 2006 column 2, lines 14-54 Further documents are listed in the continuation of Box C.			ppropriate,	of the relevant passages	Relevant to claim No.	
Further documents are listed in the continuation of Box C. Special categories of cited documents: A bocument defining the general state of the art which is not considered to be of particular relevance and particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive and principle or theory underlying the invention cannot be considered novel or cannot be considered to involve an inventive and principle or theory underlying the invention cannot be considered novel or cannot be considered to involve an inventive and principle or theory underlying the invention cannot be considered novel or cannot be considered to involve an inventive and ocument of particular relevance; the claimed invention cannot be considered to involve an inventive and ocument of particular relevance; the claimed invention cannot be considered to involve an inventive and ocument of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken alone. Obcument referring to an oral disclosure, use, exhibition or other means are provided at claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such document; such combination being obvious to a person skilled in the art document of the axes patent family Date of the actual completion of the international search Taken the family annex. The state document published after the international filing date or priority date and on the international filing date or priority date claimed on the internation of the internation of the internation of the art document is taken alone. The state of the actual completication of the international filing date or priority date claimed on the international filing date or priority date claimed on the international filing date or priority date claimed on the international filing date or priority date claimed on the international filing date or priority date claimed on the international f					1-20	
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "A" document member of the same patent family Date of the actual completion of the international search O7 August 2006 (07.08.2006) Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents PO Box 1450 Talenbore No. 571-272-2100	^	03 0,390,797 (Cisims of al) 1 oc 1, 2000 creams 2,			•	
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "A" document member of the same patent family Date of the actual completion of the international search O7 August 2006 (07.08.2006) Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents PO Box 1450 Talenbore No. 571-272-2100						
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "A" document member of the same patent family Date of the actual completion of the international search O7 August 2006 (07.08.2006) Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents PO Box 1450 Talenbore No. 571-272-2100						
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "A" document member of the same patent family Date of the actual completion of the international search O7 August 2006 (07.08.2006) Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents PO Box 1450 Talenbore No. 571-272-2100					,	
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "A" document member of the same patent family Date of the actual completion of the international search O7 August 2006 (07.08.2006) Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents PO Box 1450 Talenbore No. 571-272-2100						
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "A" document member of the same patent family Date of the actual completion of the international search O7 August 2006 (07.08.2006) Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents PO Box 1450 Talenbore No. 571-272-2100					1	
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "A" document member of the same patent family Date of the actual completion of the international search O7 August 2006 (07.08.2006) Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents PO Box 1450 Talenbore No. 571-272-2100						
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "A" document member of the same patent family Date of the actual completion of the international search O7 August 2006 (07.08.2006) Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents PO Box 1450 Talenbore No. 571-272-2100						
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "A" document member of the same patent family Date of the actual completion of the international search O7 August 2006 (07.08.2006) Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents PO Box 1450 Talenbore No. 571-272-2100						
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "A" document member of the same patent family Date of the actual completion of the international search O7 August 2006 (07.08.2006) Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents PO Box 1450 Talenbore No. 571-272-2100					I	
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "A" document member of the same patent family Date of the actual completion of the international search O7 August 2006 (07.08.2006) Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents PO Box 1450 Talenbore No. 571-272-2100				ļ		
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "A" document member of the same patent family Date of the actual completion of the international search O7 August 2006 (07.08.2006) Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents PO Box 1450 Talenbore No. 571-272-2100						
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "A" document member of the same patent family Date of the actual completion of the international search O7 August 2006 (07.08.2006) Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents PO Box 1450 Talenbore No. 571-272-2100		·				
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "A" document member of the same patent family Date of the actual completion of the international search O7 August 2006 (07.08.2006) Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents PO Box 1450 Talenbore No. 571-272-2100				See natent family annex.		
"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search O7 August 2006 (07.08.2006) Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents PO Box 1450 Mail Stop PCT, Attn: ISA/US Commissioner for Patents Talenhouse No. 571-277-2100			<u></u> _	later document published after the inter	national filing date or priority	
particular relevance "E" earlier application or patent published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search O7 August 2006 (07.08.2006) Name and mailing address of the ISA/US Mail Stop PCT, Atm: ISA/US Commissioner for Patents PO Box 1450 Talgebone No. 571-272-2100	•		1	date and not in conflict with the applica	ution but cited to understand the	
particular relevance "E" earlier application or patent published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search O7 August 2006 (07.08.2006) Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P O Box 1450 Calcument paticular relevance; the claimed invention cannot be considered to involve an inventive step when the document is acombined with one or more other such documents; such combination being obvious to a person skilled in the art document member of the same patent family Date of mailing of the international search report Authorized officer Anil Khath Talenhous No. 571-272-2100	"A" document	defining the general state of the art which is not considered to be of				
when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "p" document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search O7 August 2006 (07.08.2006) Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P O Box 1450 Talgebone No. 571-272-2100	particular i	relevance	"X"	document of particular relevance; the c	laimed invention cannot be	
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search O7 August 2006 (07.08.2006) Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P O Box 1450 Talenhous No. 571-272-2100	"E" earlier app	lication or patent published on or after the international filing date		considered novel or cannot be consider	ed to myorve an inventive step	
establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "p" document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search O7 August 2006 (07.08.2006) Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P O Box 1450 Talenhous No. 571-272-2100	#I P document	which may throw doubts on priority claim(s) or which is cited to			L-!	
combined with one or more other such documents, such combination being obvious to a person skilled in the art "Date of the actual completion of the international search O7 August 2006 (07.08.2006) Name and mailing address of the ISA/US Mail Stop PCT, Atm: ISA/US Commissioner for Patents PO Box 1450 Cambined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family Date of mailing of the international search report OF August 2006 (07.08.2006) Authorized officer Anil Khatri Talenhous No. 571-272-2100	establish ti	he publication date of another citation or other special reason (as	"Y"	considered to involve an inventive step	when the document is	
"B" document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search O7 August 2006 (07.08.2006) Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Talenhouse No. 571-272-2100	specified)			combined with one or more other such	documents, such combination	
"P" document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 07 August 2006 (07.08.2006) Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Talenbore No. 571-272-2100	"O" document	referring to an oral disclosure, use, exhibition or other means		being obvious to a person skilled in the	art	
Date of the actual completion of the international search O7 August 2006 (07.08.2006) Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Talenhouse No. 571-272-2100	"p" document	nublished prior to the international filing date but later than the	"&"	document member of the same patent f	amily	
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Talenhous No. 571-272-2100	priority da	te claimed				
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Talenhous No. 571-272-2100	Date of the act	tual completion of the international search	Date of m	ailing of the international search	n report	
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Talenhous No. 571-272-2100		07 August 2006 (07 08 2006)				
P.O. Box 1450 Telephone No. 571-272-2100			Authorize	d officer M. 1.100	1 Siewa	
P.O. Box 1450 Telephone No. 571-272-2100	Mail	Stop PCT, Attn: ISA/US	Anil Kha	for mulling k		
P.O. Box 1450 Telephone No. 571-272-2100	Com	missioner for Patents				
Alexandria Virginia ZZ313-1450	P.O.	Box 1450 andria, Virginia 22313-1450	Telephon	e No. 571-272-2100		
Facsimile No. (571) 273-3201	Facsimile No.	(571) 273-3201				

Form PCT/ISA/210 (second sheet) (April 2005)

TO: MICHAEL J. MALLIE BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 12400 WILSHIRE BLVD., 7TH FLOOR

PCT

12400 WILSHIRE BLVD., 7TH FLOOR LOS ANGELES, CA 90025			WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY		
				(PCT Rule 43bis.1)	
		﴾ الــــــــــــــــــــــــــــــــــــ	Date of mailing day/month/year)	06 MAR 2007	
Applicant's or agent's file reference		F	FOR FURTHER ACTION See paragraph 2 below		
16820.P308PCT					
International application No.	International filing	g date (da)			
PCT/US05/28898	12 August 2005 (1				
International Patent Classification (IPC) or both national classification and IPC					
IPC: G06F 9/44(2006.01) G06F 9/45(2006.01) USPC: 717/106,717/140					
Applicant			•		
CYPRESS SEMICONDUCTOR CO	RPORATION				
1. This opinion contains indication	s relating to the followin	ng items:			
Box No. I Basis o	of the opinion				
Box No. II Priority					
Box No. III Non-es	tablishment of opinion w	vith regard	i to novelty, inve	ntive step and industrial applicability	
	f unity of invention				
Box No. V Reason applica	ed statement under Rule bility; citations and expla	43 <i>bis</i> .1(a) anations s)(i) with regard to upporting such st	o novelty, inventive step or industrial natement	
Box No. VI Certain	documents cited				
Box No. VII Certain	defects in the internation	nal applica	ation		
Box No. VIII Certain	observations on the inter	rnational a	application		
2. FURTHER ACTION					
If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.					
If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.					
For further options, see Form PC	T/ISA/220.				
3. For further details, see notes to Form PCT/ISA/220.					
Name and mailing address of the ISA	/US Date of co	ompletion	of this opinion	Authorized officer	
Mail Stop PCT, Attn: ISA/US		-		Authorized officer Mickell Laise	
Commissioner for Patents P.O. Box 1450 Anil Knatri Anil Knatri					
Alexandria, Virginia 22313-1450 Alexandria, Virginia 22313-1450 acsimile No. (571) 273-3201 Telephone No. 571-272-2100					

INTERNATIONAL SEARCHING AUTHORITY

PCT/US05/28898

Box No.	I Basis of this opinion
1. With re	gard to the language, this opinion has been established on the basis of:
\square	the international application in the language in which it was filed
	a translation of the international application into, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).
2. With reinventi	egard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed on, this opinion has been established on the basis of:
a .	type of material
	a sequence listing
	table(s) related to the sequence listing
b .	format of material
	on paper
	in electronic form
c.	time of filing/furnishing
<i></i>	contained in the international application as filed.
	filed together with the international application in electronic form.
	furnished subsequently to this Authority for the purposes of search.
	Iministree annacedorina) to annacedorina, annacedo
3.	In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additio	onal comments:
í	
ı	

NTERNATIONA!	SEARCHING	AUTHORITY
--------------	-----------	-----------

Form PCT/ISA/237 (Box No. V) (April 2005)

Box No. V Reasoned statement under Rule 43 bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement				
1. Statement				
Novelty (N)	Claims 1-20	YES		
• • •	Claims NONE	NO		
Invention stan (IS)	Claims 1-20	YES		
Inventive step (IS)	Claims NONE			
Industrial applicability (IA)	Claims 1-20			
	Claims NONE			
2. Citations and explanations:				
Claims 1-20 meet the criteria set out in PCT Article invention of generating user application and device independent of the target processing device.	33(2)-(3), because the prior art does not to code includes a system layer wherein fund	each or fairly suggest the claimed tionality of the system layer is		
man and the second power and a		because the cubicat method alaimed and be		
Claims 1-20 meet the criteria set out in PCT Article used in industry.	33(4), and thus have industral applicabilit	y because the subject matter claimed can be		
	•			